

Amendments to the Claims:

1-33. (Cancelled)

34. (New): A medical device suitable for localized delivery of a therapeutic agent comprising a nucleic acid encoding a wild-type human kinase interacting stathmin (hKIS) protein having an amino acid sequence comprising SEQ ID NO:2.

35. (New): The medical device of Claim 34, wherein the nucleic acid encodes a protein consisting essentially of SEQ ID NO:2.

36. (New) : The medical device of Claim 35, wherein the nucleic acid comprises SEQ ID NO:1.

37. (New): A medical device suitable for localized delivery of a therapeutic agent comprising a nucleic acid encoding an hKIS protein that contains a mutation reducing its serine/threonine kinase activity and that inhibits phosphorylation of p27, wherein the protein comprises SEQ ID NO:4.

38. (New) : The medical device of Claim 37, wherein the nucleic acid comprises SEQ ID NO:3.

39. (New) : The medical device of any one of Claims 34-38, wherein said nucleic acid is in an expression vector.

40. (New) : The medical device of Claim 39, wherein the expression vector is a viral vector.

41. (New) : The medical device of Claim 40, wherein the viral vector is an adenoviral vector.
42. (New): The medical device of any one of Claims 34-38, wherein said device is a catheter, a needle injection device, a needleless injection device, a stent, a vascular graft, a stent graft or a coated vaso-occlusive device.
43. (New): The medical device of Claim 42, wherein said catheter is an injection catheter, a balloon catheter, a double balloon catheter, a porous or microporous balloon catheter, a channel balloon catheter, a hydrogel-coated balloon catheter, an infusion catheter or a perfusion catheter.
44. (New): The medical device of Claim 42, wherein said stent is a coated stent or a bifurcated stent.
45. (New): The medical device of Claim 44, wherein said coated stent comprises said nucleic acid impregnated in a polymer or incorporated into cells.
46. (New): The medical device of Claim 42, wherein said needle injection device is a hypodermic needle or a needle injection catheter.
47. (New): The medical device of Claim 42, wherein said needleless injection device is a jet injector.